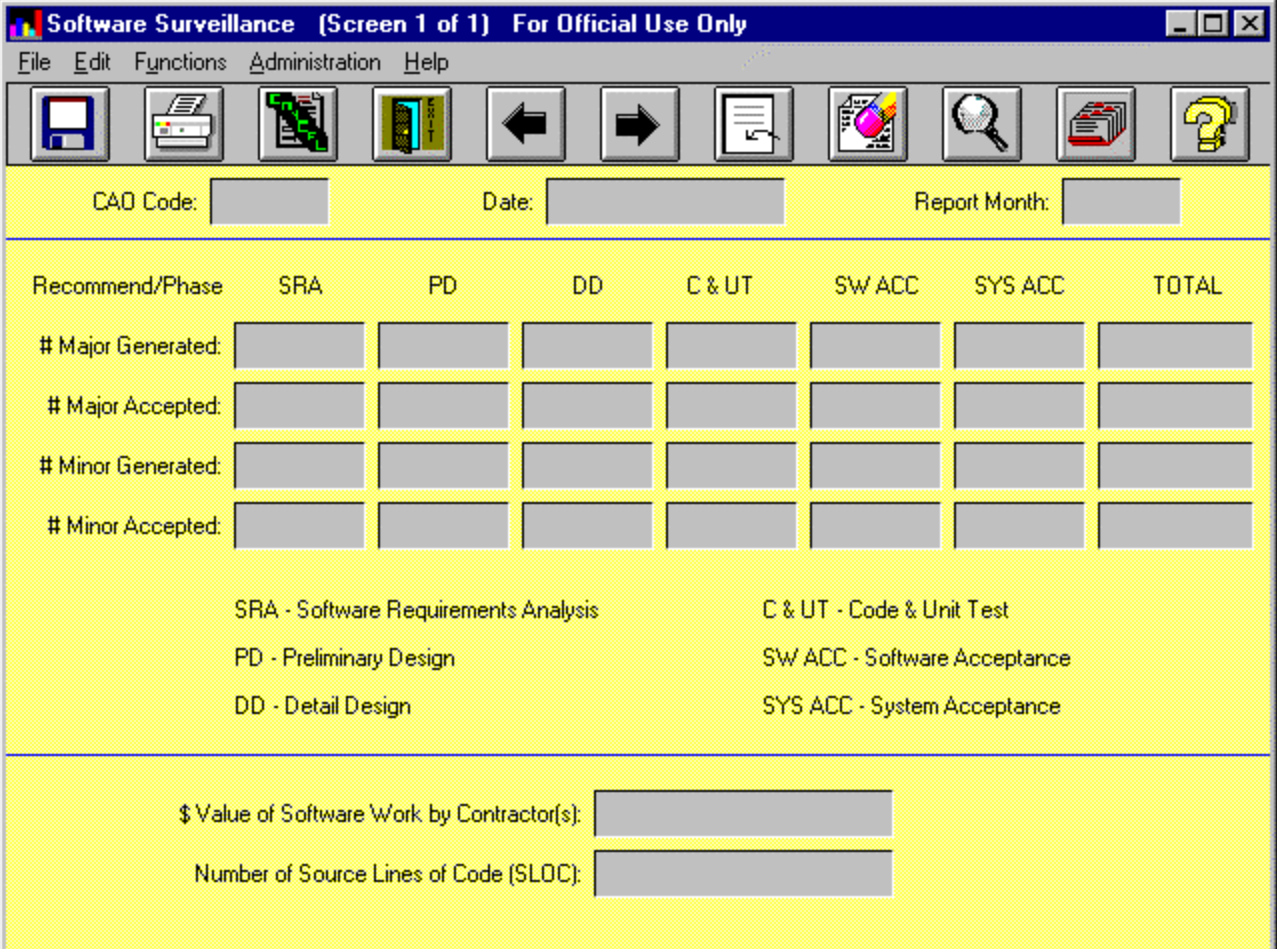


## 40 Software Surveillance

### 40.1 Software Surveillance Overview

The Software Surveillance screen (Figure 40-1) is for tracking major and minor comments and findings generated and accepted in the different phases of the software development process.

**Note:** Currently, you cannot enter certain special characters (e.g., apostrophes and semicolons) into some data boxes.



Recommend/Phase	SRA	PD	DD	C & UT	SW ACC	SYS ACC	TOTAL
# Major Generated:							
# Major Accepted:							
# Minor Generated:							
# Minor Accepted:							

SRA - Software Requirements Analysis      C & UT - Code & Unit Test  
 PD - Preliminary Design                      SW ACC - Software Acceptance  
 DD - Detail Design                              SYS ACC - System Acceptance

\$ Value of Software Work by Contractor(s):   
 Number of Source Lines of Code (SLOC):

Figure 40-1 Software Surveillance Screen

#### 40.1.1 To Add or Create New Record



Insert  
Icon

1. To add (insert) a new record, click the **Insert** icon on the tool bar or select **File: New** from the menu bar. The system prepares the screen for you to enter the requested information.
2. Enter the requested information, then save your work.

### 40.1.2 To Add Multiple New Records



Cancel  
Icon

If you have to enter multiple new records, enter one record. Then save the current record by clicking the **Save** icon on the tool bar or selecting **File: Save** from the menu bar. Then to clear the screens for your next new record, either click the **Cancel** icon or select **File: Cancel**.

or

Click on the **Insert** icon on the tool bar or select **File: New** from the menu bar. A message box appears informing you that unsaved changes exist, and asking you if you want to save them. Click **Yes** to save. If you click **Yes**, a message informs you of a successful save. Click **OK** to close this message. The system prepares the screen for another entry. (Or click **No** on the unsaved changes message box if you do not want to save. Or click **Cancel** to return to the current record instead of inserting a new one.)

### 40.1.3 To View or Edit Existing Record



Search  
Icon

1. Click the **Search** icon on the tool bar or select **File: Open** from the menu bar. When you do, a Search window (Figure 40-2) appears with the **CAO Code** data box filled and protected.

Software Surveillance Search For Official Use Only	
CAO:	WC
Date:	
Report Month:	
OK CANCEL	

*Figure 40-2 Software Surveillance Search Pop-Up Window*

2. Type in the desired **Date** (MMDDYY, MM/DD/YY or DD-MON-YYYY format), and then press **Tab** or **Enter**. The system automatically populates and protects the **Report Month**.

---

**Note:** The Date must be the first of the month; otherwise an error message appears. Click **OK** to close the message, then reenter the Date for the first of the month.

---

3. Click **OK** or press **Enter**. If a record is found, it is displayed on the Software Surveillance screen (Figure 40-4) where you can view, edit or delete it.

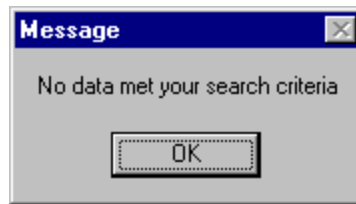
or

Click **Cancel** to close the Search window.

---

**Note:** If no record is found matching the information you entered, a pop-up window appears (Figure 40-3). Click **OK** to close the window. You can then choose to search for a record again, add a record, go to another Metrics function or exit the Metrics application.

---



*Figure 40-3 No Data Found Pop-Up Message*

## 40.2 Software Surveillance Screen 1 of 1

When the Software Surveillance screen opens, you can either insert a new record (Section 40.1.1) or search for an existing one to open (Section 40.1.3). The delete procedure is explained in Chapter 6.

Recommend/Phase	SRA	PD	DD	C & UT	SW ACC	SYS ACC	TOTAL
# Major Generated:	40.2.1.4	40.2.1.5	40.2.1.6	40.2.1.7	40.2.1.8	40.2.1.9	40.2.1.10
# Major Accepted:	40.2.1.11	40.2.1.12	40.2.1.13	40.2.1.1	40.2.1.15	40.2.1.16	40.2.1.17
# Minor Generated:	40.2.1.18	40.2.1.19	40.2.1.20	40.2.1.21	40.2.1.22	40.2.1.23	40.2.1.24
# Minor Accepted:	40.2.1.25	40.2.1.26	40.2.1.27	40.2.1.28	40.2.1.29	40.2.1.30	40.2.1.31

SRA - Software Requirements Analysis  
 PD - Preliminary Design  
 DD - Detail Design  
 C & UT - Code & Unit Test  
 SW ACC - Software Acceptance  
 SYS ACC - System Acceptance

\$ Value of Software Work by Contractor(s): 40.2.1.32  
 Number of Source Lines of Code (SLOC): 40.2.1.33

Figure 40-4 Software Surveillance Screen Fields

Note: Numbers in data boxes indicate corresponding section numbers.

### 40.2.1 Fields for Software Surveillance Screen 1 of 1

#### Top Section

##### 40.2.1.1 CAO Code

This is for the SDW/SICM code (2-5 alphanumeric characters) that identifies the Contract Administration Office (CAO). It is automatically populated based on the Username entered during the login procedure.

#### 40.2.1.2 **Date**

Enter the date (MMDDYY, MM/DD/YY or DD-MON-YYYY format) to be associated with this record. Once saved, the Date is protected. This is a required field.

---

**Note:** The **Date** must be the first of the month; otherwise an error message appears. Click **OK** to close the message, then reenter the **Date** for the first of the month.

---

#### 40.2.1.3 **Report Month**

This protected data box is automatically populated with the month entered as part of the **Date** (40.2.1.2).

#### **Recommend/Phase Section**

No individual data box in this section is required; however, you must make at least one entry (greater than zero) in order to save the record.

#### 40.2.1.4 **# Major Generated during SRA**

Enter the number (up to 10 digits) of major comments generated during the Software Requirements Analysis (SRA) phase. For definition of major comments, reference *SPECS Users Manual*.

#### 40.2.1.5 **# Major Generated during PD**

Enter the number (up to 10 digits) of major comments generated during the Preliminary Design (PD) phase. For definition of major comments, reference *SPECS Users Manual*.

#### 40.2.1.6 **# Major Generated during DD**

Enter the number (up to 10 digits) of major comments generated during the Detail Design (DD) phase. For definition of major comments, reference *SPECS Users Manual*.

#### 40.2.1.7 **# Major Generated during C & UT**

Enter the number (up to 10 digits) of major comments generated during the Code and Unit Test (C & UT) phase. For definition of major comments, reference *SPECS Users Manual*.

#### 40.2.1.8 **# Major Generated during SW ACC**

Enter the number (up to 10 digits) of major comments generated during the Software Acceptance (SW ACC) phase. For definition of major comments, reference *SPECS Users Manual*.

#### 40.2.1.9 **# Major Generated during SYS ACC**

Enter the number (up to 10 digits) of major comments generated during the System Acceptance (SYS ACC) phase. For definition of major comments, reference *SPECS Users Manual*.

#### 40.2.1.10 **# Major Generated Total**

This protected data box is automatically populated with the sum of the entries in the # Major Generated row.

**40.2.1.11 # Major Accepted during SRA**

Enter the number (up to 10 digits) of major comments accepted by the contractor or buying command during the Software Requirements Analysis (SRA) phase. For definition of major comments, reference *SPECS Users Manual*.

**40.2.1.12 # Major Accepted during PD**

Enter the number (up to 10 digits) of major comments accepted by the contractor or buying command during the Preliminary Design (PD) phase. For definition of major comments, reference *SPECS Users Manual*.

**40.2.1.13 # Major Accepted during DD**

Enter the number (up to 10 digits) of major comments accepted by the contractor or buying command during the Detail Design (DD) phase. For definition of major comments, reference *SPECS Users Manual*.

**40.2.1.14 # Major Accepted during C & UT**

Enter the number (up to 10 digits) of major comments accepted by the contractor or buying command during the Code and Unit Test (C & UT) phase. For definition of major comments, reference *SPECS Users Manual*.

**40.2.1.15 # Major Accepted during SW ACC**

Enter the number (up to 10 digits) of major comments accepted by the contractor or buying command during the Software Acceptance (SW ACC) phase. For definition of major comments, reference *SPECS Users Manual*.

**40.2.1.16 # Major Accepted during SYS ACC**

Enter the number (up to 10 digits) of major comments accepted by the contractor or buying command during the System Acceptance (SYS ACC) phase. For definition of major comments, reference *SPECS Users Manual*.

**40.2.1.17 # Major Accepted Total**

This protected data box is automatically populated with the sum of the entries in the # Major Accepted row.

**40.2.1.18 # Minor Generated during SRA**

Enter the number (up to 10 digits) of minor comments generated during the Software Requirements Analysis (SRA) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.19 # Minor Generated during PD**

Enter the number (up to 10 digits) of minor comments generated during the Preliminary Design (PD) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.20 # Minor Generated during DD**

Enter the number (up to 10 digits) of minor comments generated during the Detail Design (DD) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.21 # Minor Generated during C & UT**

Enter the number (up to 10 digits) of minor comments generated during the Code and Unit Test (C & UT) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.22 # Minor Generated during SW ACC**

Enter the number (up to 10 digits) of minor comments generated during the Software Acceptance (SW ACC) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.23 # Minor Generated during SYS ACC**

Enter the number (up to 10 digits) of minor comments generated during the System Acceptance (SYS ACC) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.24 # Minor Generated Total**

This protected data box is automatically populated with the sum of the entries in the # Minor Generated row.

**40.2.1.25 # Minor Accepted during SRA**

Enter the number (up to 10 digits) of minor comments accepted by the contractor or buying command during the Software Requirements Analysis (SRA) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.26 # Minor Accepted during PD**

Enter the number (up to 10 digits) of minor comments accepted by the contractor or buying command during the Preliminary Design (PD) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.27 # Minor Accepted during DD**

Enter the number (up to 10 digits) of minor comments accepted by the contractor or buying command during the Detail Design (DD) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.28 # Minor Accepted during C & UT**

Enter the number (up to 10 digits) of minor comments accepted by the contractor or buying command during the Code and Unit Test (C & UT) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.29 # Minor Accepted during SW ACC**

Enter the number (up to 10 digits) of minor comments accepted by the contractor or buying command during the Software Acceptance (SA) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.30 # Minor Accepted during SYS ACC**

Enter the number (up to 10 digits) of minor comments accepted by the contractor or buying command during the System Acceptance (SYS ACC) phase. For definition of minor comments, reference *SPECS Users Manual*.

**40.2.1.31 # Minor Accepted Total**

This protected data box is automatically populated with the sum of the entries in the # Minor Accepted row.

**Bottom Section****40.2.1.32 \$ Value of Software Work by Contractor(s)**

Enter the dollar amount (up to 12 digits) of the software portion of a contract. This number must be greater than zero (0). This is a required field.

**40.2.1.33 Number of Source Lines of Code (SLOC)**

Enter the number (up to 12 digits) of Source Lines of Code (SLOC) to be developed during the contract. This number must be greater than zero (0). This is a required field.